

## ABSTRACT

1           A print service, preferably realized as a web site or part of web site,  
2    supports print by reference operations. Software hosted or accessible by the web  
3    site performs the required functions. A print client may be a print device, for  
4    example, that has an Internet connection. A print client might also be a portable  
5    wireless device, for example, which then might transfer data transcoded by the  
6    print service to a print device. The print service accepts a reference to print  
7    content, resolves the reference, obtains the print content, encodes the print  
8    content into a print device ready format, and allows the print client access to the  
9    transcoded print data. The print service method realized by such a web site  
10   provides commercial potential for web services and content provider partnerships,  
11   as a preferred use of the print service might commence with a user of a portable  
12   wireless device obtaining a reference to print content while web surfing,  
13   communicating that content, for example via a Bluetooth wireless connection to  
14   the print device, which then uses the print service to resolve and process the print  
15   by reference communication. Similar commercial potential is possible with  
16   respect to print device manufacturers and the manufacturers of portable wireless  
17   devices, such as personal digital assistant (PDA) devices.